

New Synonyms and New Combinations in North American Doryctinae (Hymenoptera: Braconidae)

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ABSTRACT

New specific and generic synonyms are listed along with the resulting new name combinations for several groups of North American Doryctinae.

During the preparation of the Braconidae section of the forthcoming revised Catalog of Hymenoptera of North America, it has become necessary to propose several new synonyms and new combinations, particularly in the subfamily Doryctinae. There is a possibility that the Doryctinae section of the new *Hymenopterorum Catalogus* being prepared by Roy D. Shenefelt will appear at about the same time as the North American catalog. Since it is uncertain which catalog will appear first and, therefore should include the new synonyms and new combinations, it seems desirable to propose them at this time.

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Genus *Acrophasmus* Enderlein

Acrophasmus immigrans (Beardsley),
new combination

Doryctes immigrans Beardsley, 1961. Proc. Haw.
Entomol. Soc. 16:326.

Acrophasmus lycti Marsh, 1968. Proc. Entomol.
Soc. Wash. 70:105. NEW SYNONYMY.

This species, previously known from the southwestern United States, is now recorded from Hawaii also. It was undoubtedly introduced accidentally into Hawaii. The new synonymy is based on the comparison of the type of *lycti* with specimens of *immigrans* from Hawaii sent by J. W. Beardsley.

Acrophasmus scobiciae (Marsh), new combination

Doryctodes scobiciae Marsh, 1966. Trans. Amer.
Entomol. Soc. 92:513.

Acrophasmus atriventris (Cresson),
new combination

Exothecus atriventris Cresson, 1872. Trans. Amer.
Entomol. Soc. 4:189.

Doryctodes atriventris (Cresson): Marsh, 1966.
Trans. Amer. Entomol. Soc. 92:506.

The above two species were tentatively placed in the genus *Doryctodes*, but after further study I feel they should be assigned to *Acrophasmus*.

Genus *Allorhogas* Gahan

Allorhogas pallidiceps (Perkins),
new combination

Ischiogonus pallidiceps Perkins, 1910. Fauna Haw.
2(6):684.

Doryctes pallidiceps (Perkins): Beardsley, 1961. Proc. Haw. Entomol. Soc. 17:364.
Doryctes strioliger Kieffer, 1921. Bull. Agr. Inst. Sci. Saigon 3:134. NEW SYNONYMY.
Monolexis brugirouxi Cheesman, 1928. Ann. Mag. Nat. Hist. (Ser. 10) 1:185. NEW SYNONYMY.

The new combination and synonymies above are based on examination of types and authentically determined specimens. Nixon (1939. Ann. Mag. Nat. Hist. (Ser. 11) 3:493) synonymized *brugirouxi* with *strioliger*. I have seen specimens from Florida reared from *Oeme rigida* (Say) which is the first record of *pallidiceps* for North America.

Genus *Curtisella* Spinola

Curtisella Spinola, 1853. Mem. Roy. Acad. Sci. Torino 13:30. Type-species: *Curtisella pim-ploides* Spinola.
Neorhyssa Szépligeti, 1902. Term. Füz. 25:57. Type-species: *Neorhyssa nigra* Szépligeti (= *Curtisella pim-ploides* Spinola).
Lissophrymnus Cameron, 1911. Timehri 1:312. Type-species: *Lissophrymnus annulicaudus* Cameron (= *Curtisella pim-ploides* Spinola).
Subcurtisella Roman, 1924. Arkiv Zool. 16:33. Type-species: *Subcurtisella waterstoni* Roman. NEW SYNONYMY.
Polystenoides Muesebeck, 1950. Proc. Entomol. Soc. Wash. 52:79. Type-species: *Polystenoides lignicola* Muesebeck.

The synonymy of *Polystenoides* with *Curtisella* was made in an earlier paper (Marsh, 1971. Ann. Entomol. Soc. Amer. 64:844), and the complete generic synonymy is presented here. *Neorhyssa* and *Lissophrymnus* were synonymized by Roman (1924. Arkiv Zool. 16: 38); I have seen both type specimens and confirm this action. The synonymy of *Subcurtisella* is based also on recent examination of the type.

Genus *Doryctes* Haliday

Doryctes Haliday, 1836. Entomol. Mag. 4:43. Type-species: *Bracon obliteratus* Nees, not sensu Haliday (= *Ichneumon mutillator* Thunberg).
Ischiogonus Wesmael, 1838. Nouv. Mém. Acad. Sci. Bruxelles 11:125. Type-species: *Ischiogonus erythrogaster* Wesmael (= *Bracon leucogaster* Nees).

Udamolcus Enderlein, 1920(1918). Arch. Naturgesch. 84(A)(11):142. Type-species: *Udamolcus herero* Enderlein.
Pristodoryctes Kieffer, 1921. Bull. Agr. Inst. Sci. Saigon 3:133. Type-species: *Pristodoryctes striativentris* Kieffer (= *Doryctes tristriatus* Kieffer). NEW SYNONYMY.

Paradoryctes Granger, 1949. Mém. Inst. Sci. Madagascar (Sér. A) 2:102. Type-species: *Paradoryctes coxalis* Granger. NEW SYNONYMY.

Nixon (1939. Ann. Mag. Nat. Hist. (Ser. 11) 3:498) first mentioned the possible synonymy of *Pristodoryctes*, stating that *striativentris* was probably the male of *Doryctes tristriatus* Kieffer. After studying the descriptions of these species and specimens of *tristriatus*, I concur with this conclusion and hereby establish the synonymy of *Pristodoryctes* with *Doryctes*. The synonymy of *Paradoryctes* is based on recent examination of the type.

Genus *Heterospilus* Haliday

Heterospilus Haliday, 1836. Entomol. Mag. 4:40. Type-species: *Rogas (Heterospilus) quaestor* Haliday.
Bracon (Synodus) Ratzeburg, 1848. Ichn. Forstins., v. 2, p. 31. Preoccupied by Gronovius, 1763 and Latreille, 1828. Type-species: *Bracon incompletus* Ratzeburg.
Caenophanes Forester, 1862. Verh. Naturh. Ver. Rheinlande 19:236. New name for *Synodus* Ratzeburg.
Telebolus Marshall, 1888. In André, Spec. Hym. Eur. Alg., v. 4, p. 202. Type-species: *Telebolus corsicus* Marshall.
Kareba Cameron, 1904. Invert. Pac. 1:50. Type-species: *Kareba flavipes* Cameron. NEW SYNONYMY.
Anacatostigma Enderlein, 1920(1918). Arch. Naturgesch. 84(A)(11):131. Type-species: *Anacatostigma paradoxum* Enderlein. NEW SYNONYMY.

The synonymy of *Kareba* and *Anacatostigma* is based on recent examination of the types. A revision of the genus *Heterospilus* is now in progress but notes on the following two species are given now.

Heterospilus cephi Rohwer

Heterospilus cephi Rohwer, 1925. Jour. Wash. Acad. Sci. 15:178.

Heterospilus basifurcatus Fischer, 1960. Polskie Pismo Entomol. 30:38. NEW SYNONYMY.

The synonymy of *basifurcatus* is based on recent examination of the holotype. This species, which is a parasite of the European wheat stem sawfly in North America, was probably accidentally introduced into this country with its host.

Heterospilus scolyticida (Ashmead)

Lysitermis scolyticida Ashmead, 1893. Can. Entomol. 25:74.

Heterospilus blackmanni Rohwer, 1919. Can. Entomol. 51:161. NEW SYNONYMY.

Specimens under both of these names were reared from *Scolytus quadrispinosus* Say and the synonymy is based on examination of the holotypes.

Genus *Ontsira* Cameron

Ontsira Cameron, 1900. Mem. Proc. Manchester Lit. Phil. Soc. 44:89. Type-species: *Ontsira reticulata* Cameron.

Doryctes (*Doryctodes*) Hellén, 1927. Acta Soc. Fauna Flora Fenn. 56:40. Type-species: *Rogas imperator* Haliday. NEW SYNONYMY.

Doryctodes Hellén: Marsh, 1966. Trans. Amer. Entomol. Soc. 92:503.

The above synonymy of *Doryctodes* with *Ontsira* is based on recent examination of the type-species of *Ontsira*. The new combinations for the North American species included in my recent revision (loc. cit. supra) are as follows.

Ontsira antica (Wollaston), new combination

Clinocentrus anticus Wollaston, 1858. Ann. Mag. Nat. Hist. (Ser. 3) 1:24.

Doryctes gallicus Reinhard, 1865. Berlin. Entomol. Ztschr. 9:248. NEW SYNONYMY.

Doryctes incertus Ashmead, 1889(1888). Proc. U. S. Natl. Mus. 11:627. NEW SYNONYMY.

Doryctodes gallicus (Reinhard): Marsh, 1966. Trans. Amer. Entomol. Soc. 92:508.

Ontsira carinata (Ashmead), new combination

Rhyssalus carinatus Ashmead, 1889(1888). Proc. U. S. Natl. Mus. 11:630.

Doryctodes carinatus (Ashmead): Marsh, 1966. Trans. Amer. Entomol. Soc. 92:507.

Ontsira imperator (Haliday), new combination

Rogas imperator Haliday, 1836. Entomol. Mag. 4:46.

Ischiogonus zonatus Wesmael, 1838. Nouv. Mém. Acad. Sci. Bruxelles 11:127.

Bracon praecisus Ratzeburg, 1852. Ichn. Forstins., v. 3, p. 36.

Syngaster cingulatus Provancher, 1880. Nat. Can. 12:162.

Doryctodes imperator (Haliday): Marsh, 1966. Trans. Amer. Entomol. Soc. 92:509.

Ontsira krombeini (Marsh), new combination

Doryctodes krombeini Marsh, 1966. Trans. Amer. Entomol. Soc. 92:511.

Ontsira mellipes (Ashmead), new combination

Doryctes mellipes Ashmead, 1889(1888). Proc. U. S. Natl. Mus. 11:627.

Doryctodes mellipes (Ashmead): Marsh, 1966. Trans. Amer. Entomol. Soc. 92:511.

Ontsira occipitalis (Marsh), new combination

Doryctodes occipitalis Marsh, 1966. Trans. Amer. Entomol. Soc. 92:512.

Ontsira tuberculata (Marsh), new combination

Doryctodes tuberculatus Marsh, 1966. Trans. Amer. Entomol. Soc. 92:514.

Ontsira wasbaueri (Marsh), new combination

Doryctodes wasbaueri Marsh, 1966. Trans. Amer. Entomol. Soc. 92:515.

Genus *Pioscelus* Muesebeck and Walkley

Pioscelus borealis (Ashmead), new combination

Caenophanes borealis Ashmead, 1891. Can. Entomol. 23:2.

Heterospilus borealis (Ashmead): Muesebeck and Walkley, 1951. U. S. Dept. Agr., Agr. Monog. 2:179.

This generic transfer is based on recent examination of the holotype.

Genus *Rhaconotus* Ruthe

Rhaconotus Ruthe, 1854. Stettin. Entomol. Ztg. 15:349. Type-species: *Rhaconotus aciculatus* Ruthe.

Hedysomus Foerster, 1862. Verh. Naturh. Ver. Rheinlande 19:238. Type-species: *Hedysomus elegans* Foerster.

Hormiopterus Giraud, 1869. Ann. Soc. Entomol. France (4) 9:238. Type-species: *Hormiopterus ollivieri* Giraud.

Rhadinogaster Szépligeti, 1908. Notes Leyden Mus. 29:223. Type-species: *Rhadinogaster testacea* Szépligeti. NEW SYNONYMY.

Euryphrymnus Cameron, 1910. Wien. Entomol. Ztg. 29:100. Type-species: *Euryphrymnus testaceiceps* Cameron.

The synonymy of *Rhadinogaster* is based on recent examination of the type. A revision of the North American species of *Rhaconotus* is now in progress.